

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	((WENGUANG) near2 (LI)).INV.	US-PGPUB; USOCR	OR	ON	2010/05/19 16:05
S2	19	((WENGUANG) near2 (LI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 16:05
S3	8	((CURTIS) near2 (NEASON)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 16:05
S4	38	((JOEL) near2 (XUE)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/19 16:05
S5	2	("20030093067").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/19 16:21
S6	88	imag\$3 same point same cardia\$4 same (register \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 16:24
S7	36	imag\$3 same point same cardia\$4 same (register \$5) and (probe ccatheter endoscop\$2) same imag \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 16:26
S8	35	imag\$3 same point same cardia\$4 same (register \$5) and (probe ccatheter endoscop\$2) same imag \$3 and heart	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 16:28
S9	52	"5308919"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 16:41
S10	2	"20030093067"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:01

S11	26	"5997883"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:01
S12	429	(interpolat\$4 extrapolat\$) same imag\$3 same (cycl \$4 period cardia\$3)same (point roi) and cycl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:05
S13	162	(interpolat\$4 extrapolat\$) same imag\$3 same (cycl \$4 period cardia\$3)same (point roi) and cycl\$3 and heart	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:06
S14	29	S13 and (probe ccatheter endoscop\$2) same imag \$3 and heart	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:06
S15	114	(interpolat\$4 extrapolat\$) same imag\$3 same (cycl \$4 period cardia\$3)with (point roi) and cycl\$3 and heart	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:13
S16	4	(interpolat\$4 extrapolat\$) and imag\$3 with (register \$5) with(probe catheter endoscop\$2)with (cycl\$4 period cardia\$3)with (point roi) and cycl\$3 and heart	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:17
S17	52	"6556695"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:18

S18	202	("20020068867"   "20020072670"   "20020120192"   "20020173783"   "20030208119"   "20040015075"   "20050143777"   "4849692"   "4945305"   "5297549"   "5311866"   "5391199"   "5443066"   "5445150"   "5480422"   "5487391"   "5515853"   "5546951"   "5553611"   "5568809"   "5600330"   "5662108"   "5676673"   "5694945"   "5697377"   "5713946"   "5718241"   "5722402"   "5729129"   "5738096"   "5744953"   "5752513"   "5795298"   "5797849"   "5800352"   "5803089"   "5813991"   "5817022"   "5820568"   "5829444"   "5830144"   "5833608"   "5840025"   "5868673"   "5873822"   "5916163"   "5928248"   "5953683"   "5967980"   "5983126"   "6016439"   "6019725"   "6066094"   "6147480"   "6161032"   "6175756"   "6183088"   "6188355"   "6188924"   "6198963"   "6211666"   "6216027"   "6223066"   "6226542"   "6226543"   "6240307"   "6246231"   "6246898"   "6248075"   "6256540"   "6285898"   "6301496"   "6314310"   "6332089"   "6335617"   "6341231"   "6366799"   "6368285"   "6370411"   "6373240"   "6379732"   "6380476"   "6380732"   "6385476"   "6400981"   "6427314"   "6445943"   "6447504"   "6453867"   "6456270"   "6456867"   "6458123"   "6484049"   "6484118"   "6487441"   "6489961"   "6490474"   "6490474"   "6490475"   "6496712"   "6498477"   "6498944"   "6516807"   "6522913"   "6528991"   "6556695"   "6558333"   "6565511"   "6569160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:24
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		"6685637"   "6892091"   "6896657"   "6957101"). PN.				
S19	51	S18 and (register\$5) and imag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/19 17:25
S21	432	(interpolat\$4 extrapolat\$) same imag\$3 same (cycl \$4 period cardia\$3)same (point roi) and cycl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 09:10
S22	13	(register\$5)with(probe ccatheter endoscop\$2) same imag\$3 same cycl \$3 same (point\$3 roi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 09:12
S23	3	S21 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 09:12
S24	18	(register\$5)with(probe catheter endoscop\$2) same imag\$3 same cycl \$3 same (point\$3 roi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 09:14
S25	3	S24 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 09:14
S26	8	(interpolat\$4 extrapolat\$) and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 09:17
S27	82	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH (cycl \$4 period cardia\$3)same (point roi) and cycl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 10:45

S28	64	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH (cycl \$4 period cardia\$3)same (point roi) and cycl\$3 AND DISPLAY\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 10:49
S29	3	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH (cycl \$4 period cardia\$3)same (point roi) and cycl\$3 AND DISPLAY\$3 AND (register\$5)with(probe catheter endoscop\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 10:52
S30	3	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH (cycl \$4 period cardia\$3)same (point roi) and cycl\$3 AND (register\$5)with (probe catheter endoscop \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 10:52
S31	3	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH (cycl \$4 period cardia\$3)same (point roi) and cycl\$3 AND (register\$5)with (probe catheter endoscop \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 10:53
S32	5	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH (cycl \$4 period cardia\$3)same (point roi) and cycl\$3 AND (register\$5)SAME (probe catheter endoscop \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 10:53
S33	7	(interpolat\$4 extrapolat\$) SAME imag\$3 SAME(cycl \$4 period cardia\$3)WITH (point roi) and cycl\$3 AND (register\$5)SAME (probe catheter endoscop \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 10:55
S34	1	(interpolat\$4 extrapolat\$) SAME imag\$3 SAME(cycl \$4 period cardia\$3)NEAR (point roi) and cycl\$3 AND (register\$5)SAME (probe catheter endoscop \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 10:55
S35	18	(interpolat\$4 extrapolat\$) SAME (PAST PRIOR PRE ADJ OPERAT\$3 ASQUIRED OBTAINED) NEAR IMAG\$3 SAME(cycl \$4 period cardia\$3)WITH (point roi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 11:05

S36	10	(interpolat\$4 extrapolat\$) NEAR IMAG\$3 AND (PAST PRIOR PRE ADJ OPERAT \$3 ASQUIRED OBTAINED) NEAR IMAG \$3 SAME(cycl\$4 period cardia\$3)WITH (point roi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 11:06
S37	26	"5997883"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 11:20
S38	9	"7502642"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 11:36
S39	3	(interpolat\$4 extrapolat\$) SAME imag\$3 SAME(EGC EGKcycl\$4 period cardia \$3)WITH (point roi) and cycl\$3 AND (register\$5) SAME (probe catheter endoscop\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 12:01
S40	29	(register\$5)with REPRESENT\$5 NEAR (probe catheter endoscop \$2)WITH IMAG\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:06
S41	10	(register\$5)with REPRESENT\$5 NEAR (probe catheter endoscop \$2)WITH IMAG\$3 same (cycl\$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:06
S42	19	S40 NOT S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:11
S43	60	(register\$5)with (probe catheter endoscop\$2) WITH IMAG\$3 same (cycl \$4 period cardia\$3) NOT S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:15

S44	29	(register\$5)with (probe catheter endoscop\$2) WITH IMAG\$3 same (cycl\$4 period cardia\$3) SAME POINT\$3NOT S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:16
S45	14	(register\$5)with (probe catheter endoscop\$2) WITH IMAG\$3 same (cycl\$4 period cardia\$3) SAME POINT\$3 NOT S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:16
S46	24	(register\$5)with (INSTRUMENT DEVICE probe catheter endoscop\$2)WITH IMAG\$3 same (cycl\$4 period cardia\$3) SAME POINT\$3 NOT S40 AND HEART	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:47
S47	14	S46 NOT S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:48
S48	14	S47 NOT S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:48
S49	14	S47 NOT S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:48
S50	10	(register\$5)with (probe catheter endoscop\$2)AND S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:50
S51	14	(register\$5)with (INSTRUMENT DEVICE probe catheter endoscop\$2)AND S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:51

S52	14	S49 AND (cycl\$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 15:52
S55	14	(register\$5)with (INSTRUMENT DEVICE probe catheter endoscop \$2)AND S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 16:42
S56	4	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH(cycl \$4 period cardia\$3)with (point roi) and cycl\$3 and heart AND (register\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:26
S57	27	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH(cycl \$4 period cardia\$3)AND (point roi) and cycl\$3 and heart AND (register\$5) NOT S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:28
S60	267	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH TWO SAME (cycl\$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:31
S61	30	(interpolat\$4 extrapolat\$) WITH imag\$3 WITH TWO SAME (cycl\$4 period cardia\$3) AND HEART	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:32
S62	29	(interpolat\$4 extrapolat\$) WITH imag\$3 NEAR TWO SAME (cycl\$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:33
S63	43	(interpolat\$4 extrapolat\$) SAME imag\$3 NEAR TWO SAME (OTHER DIFFERENT ) NEAR IMAG \$3 AND (cycl\$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:36
S64	118	(interpolat\$4 extrapolat\$) NEAR imag\$3 SAME (OTHER DIFFERENT ) NEAR IMAG\$3 AND (cycl \$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:37

S65	4972510	(interpolat\$4 extrapolat\$) NEAR imag\$3 SAME ND (cycl\$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:38
S66	594	(interpolat\$4 extrapolat\$) NEAR imag\$3 SAME (cycl \$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:38
S67	23	(interpolat\$4 extrapolat\$) NEAR imag\$3 SAME (cycl \$4 period cardia\$3) SAME HEART	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:39
S68	2	"20070055142"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:45
S70	155390	("20010044585"   "20020072670"   "20020120192"   "20030158477"   "3009067"   "20050154281"   "4849692"   "4945305"   "5297549"   "5311856"   "5391199"   "5443066"   "5443489"   "5445150"   "5480422"   "5487391"   "5515853"   "5546951"   "5553611"   "5558091"   "5568809"   "5600330"   "5602891"   "5662108"   "5676673"   "5694945"   "5697377"   "5697980"   "5713946"   "5718241"   "5722402"   "5729129"   "5738096"   "5744953"   "5752513"   "5779638"   "5795298"   "5797849"   "5800352"   "5803089"   "5813991"   "5817022"   "5820568"   "5829444"   "5830144"   "5833608"   "5840025"   "5868673"   "5873822"   "5916163"   "5928248"   "5953683"   "5983126"   "5997883"   "6016439"   "6019725"   "6066094"   "6147480"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:52

		"6161032"   "6175756" "6183088"   "6188355" "6188924"   "6198963" "6211666"   "6216027" "6223066"   "6226542" "6226543"   "6240307" "6246231"   "6246898" "6248075"   "6256540" "6266551"   "6285898" "6301496"   "6314310" "6332089"   "6335617" "6341231"   "6366799" "6368285"   "6370411" "6373240"   "6379302" "6380732"   "6385476" "6385476"   "6400981" "6427314"   "6445943" "6447504"   "6453190" "6456867"   "6458123" "6484049"   "6484118" "6487441"   "6489961" "6490468"   "6490474" "6490474"   "6490475" "6496712"   "6498477" "6498944"   "6516807" "6522913"   "6528991" "6546270"   "6558333" "6565511"   "6569160" "6896657"   "6970733")". PN"				
S72	26	"5997883"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 10:04
S73	2	2002/0068870	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 11:23
S74	2	("5997883").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/24 12:12

S92	11	(US-20050154282-\$).did. or (US-7526113-\$ or US- 7499743-\$ or US- 4100916-\$ or US- 7286866-\$ or US- 6216027-\$ or US- 6368285-\$ or US- 6456867-\$ or US- 6892091-\$ or US- 6201985-\$ or US- 5577502-\$).did.	US-PGPUB; USPAT	OR	ON	2010/05/24 15:12
S93	0	S92 AND MAP\$3.	US-PGPUB; USPAT	OR	ON	2010/05/24 15:12
S94	7	S92 AND ELECTROD\$3	US-PGPUB; USPAT	OR	ON	2010/05/24 15:15
S95	2	S92 AND ELECTROD\$3 SAME DISPLAY\$3	US-PGPUB; USPAT	OR	ON	2010/05/24 15:16
S96	0	S92 AND MAP\$4.	US-PGPUB; USPAT	OR	ON	2010/05/24 15:16
S97	0	S92 AND "MAPPING."	US-PGPUB; USPAT	OR	ON	2010/05/24 15:16
S98	62	"5,848,972"	US-PGPUB; USPAT	OR	ON	2010/05/24 15:17
S99	418236	REGISTER\$4 WITH (MAPPING MAP MAP\$4) CAME IMAG\$3 SAME (cycl \$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:20
S100	157	REGISTER\$4 WITH (MAPPING MAP MAP\$4) SAME IMAG\$3 SAME (cycl \$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:20
S101	97	REGISTER\$4 WITH (MAPPING MAP MAP\$4) WITH IMAG\$3 SAME (cycl \$4 period cardia\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:24
S102	284	DISPLAY\$3 SAME (MAPPING MAP\$4 MAP) WITH ELECTRICAL WITH (ACTIVIT\$3 PROPERTIES)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:33
S103	177	DISPLAY\$3 WITH (MAPPING MAP\$4 MAP) WITH ELECTRICAL WITH (ACTIVIT\$3 PROPERTIES)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:33

S104	72	REGISTER\$4 AND S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:34
S105	63	REGISTER\$4 AND S103 AND HEART	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:35
S106	48	REGISTER\$4 AND S103 AND HEART AND (MR MRI)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:36
S107	52	"6556695"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:46
S108	2	("6556695").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/24 15:47

**5/ 24/ 2010 6:13:44 PM**

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